

19971225.ba v01_n849.bam.971225

>From ???@??? Fri Dec 26 11:57:27 1997
Message-Id: <199712260406.WAA08247@sco.theporch.com>
Date: Thu, 25 Dec 1997 22:06:30 CST
Subject: BOATANCHORS digest 1849

BOATANCHORS Digest 1849

Topics covered in this issue include:

- 1) Re: Unusual tube using equipment
by jackiv@juno.com (John M Iverson)
- 2) Re: Need mod xfmr info
by jackiv@juno.com (John M Iverson)
- 3) Re: Season's Greetings!
by Bob Roehrig <broehrig@admin.aurora.edu>
- 4) Re: Need mod xfmr info
by "Roberta J. Barmore" <rbarmore@indy.net>
- 5) Merry Christmas
by "w5sum" <w5sum@ms1.nwla.com>
- 6) -.-. --.-
by Dexter Francis <cwest@xmission.com>
- 7) Re: AM with the Collins S-Line/KWM-2
by "William B. Ross" <billross@txdirect.net>
- 8) Merry Christmas to All
by kb5ww@juno.com (George T Folse)
- 9) Re: -.-. --.-
by "William B. Ross" <billross@txdirect.net>
- 10) Merry Christmas!
by Kevin Gallagher <wire2liv@gomontana.com>
- 11) greetihngs
by Lurch <lurch@TheRamp.net>
- 12) 150 uH inductor
by Jacqueline Herman <jherman@sierra.net>
- 13) Re. DX-100 vs. DX-100B
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 14) Globe King 275 / 400 question...
by Bill Coleman N2BC <n2bc@ibm.net>
- 15) Re: -.-. --.-
by JD Delancy <k1zat@dsport.com>
- 16) J.N., Merry Xmas
by Andre Guibert <aguibert@sympatico.ca>
- 17) Re: 150 uH inductor
by bill@skeeter.bvc.frco.com (William Hawkins)
- 18) The other half of the world
by bill@skeeter.bvc.frco.com (William Hawkins)
- 19) Want: NCX-3/AC Pwr Manual

- by Tom Laszynski <k8jrm@ionet.net>
- 20) Parts for re-gen
by Robert Norgard <kl7fm@yahoo.com>
- 21) Re: 150 uH inductor
by MODSTEPH@ACS.EKU.EDU
- 22) Command set part
by Morris Odell <morriso@vifp.monash.edu.au>
- 23) Re: The other half of the world
by Morris Odell <morriso@vifp.monash.edu.au>
- 24) BoatAnchor Keyers
by Bob/WB0AUQ <brainbol@lawrence.ks.us>
- 25) Re: Parts for re-gen
by Sandy W5TVW <ebjr@worldnet.att.net>
- 26) Vibro Keyer question
by "Larry Johnson" <k5yf@wt.net>
- 27) R391- CR801 and ballast fail together
by provero@connix.com
- 28) Re: 150 uH inductor
by John Kolb <jlkolb@cts.com>
- 29) Crystal sets
by Al Klase <skywaves@bw.webex.net>
- 30) Re: Coil forms...
by Ken Gordon <keng@uidaho.edu>
- 31) Viking II Audio
by "John Lockhart" <jlockj@minn.net>

Date: Wed, 24 Dec 1997 18:19:48 CST
From: jackiv@juno.com (John M Iverson)
To: polepeeg@aaa4rm.radio.org
Cc: boatanchors@theporch.com
Subject: Re: Unusual tube using equipment
Message-ID: <19971224.203131.3670.0.jackiv@juno.com>

gotcha one better, i have that unit nib happy, cool yule j
Jack Iverson K0EWU jackiv@juno.com RCA , QCWA, ARCI, IEEE LM,
ARRL-

AMI 645

On Wed, 24 Dec 1997 17:52:07 -0500 polepeeg@aaa4rm.radio.org (BA x-actions
hr) writes:
>I've the schemat for a Delco 'Autronic Eye' ca Olds '54. Couple
>of tubes, synchronous vibrator, et. al.
>
>Wish I had an operable Holiday 98 Convert to go with iT (with Aurora
>power plant - the he!! with dual-range hydro)

>
> 'rm
>

Date: Wed, 24 Dec 1997 20:50:18 CST
From: jackiv@juno.com (John M Iverson)
To: skywaves@bw.webex.net
Cc: boatanchors@theporch.com
Subject: Re: Need mod xfmr info
Message-ID: <19971224.205019.3670.3.jackiv@juno.com>

IF YOU NEED SPECIFIC DATA TELL ME THE MODULATOR TUBES, THE LOAD AND I
WILL GIVE YOU THE TAPS TO USE , LOTS OF STUFF TO WRITE 73 JACK
Jack Iverson K0EWU jackiv@juno.com RCA , QCWA, ARCI, IEEE LM,
ARRL-

AMI 645

On Wed, 24 Dec 1997 20:36:28 -0500 Al Klase <skywaves@bw.webex.net>
writes:
>Doug and the Group,
>
> My 1953 Radio's Master has only sketchy info. Here it is:
>
>Maximum audio out: 30 watts
>Maximum class C input: 60 watts i.e. It will plate modulate a 60
>watt
>TX
>Typical Modulator tubes: 6V6, 2A3, 6L6, 210
>
>They claim to be able to match anything to anything!
>
> Hope this helps.
>
>Merry Christmas to All,
>Al
>
>Doug Hall wrote:
>>
>> Hi folks,
>> Does anyone know of a source for UTC modulation transformer
>specs? I have
>> a CVM-1 (I think) and I'm trying to find out what impedances it will
>match
>> for possible use in a homebrew modulator.
>> Thanks & 73,

>> Doug, KF4KL
>
>--
>Al Klase - N3FRQ
>skywaves@bw.webex.net
>Flemington, NJ 08822
>Web Page: <http://www.webex.net/~skywaves/home.htm>
>

Date: Wed, 24 Dec 1997 21:10:53 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: "Roberta J. Barmore" <rbarmore@indy.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Season's Greetings!
Message-ID: <Pine.ULT.3.96.971224210732.11033F-100000@admin.aurora.edu>

On Wed, 24 Dec 1997, Roberta J. Barmore wrote:

> I'll use the lists
> to wish a happy holiday season to everyone. For all the fine old gear and
> parts found, history shared, questions answered and questions raised, a
> warm and friendly toast to each and every one of the friends gathered
> here!

I couldn't say it any better, Bobbi, so I won't try. It's been a blast and
I'm sure it will continue to be. Thanks to all.

So far on the reduced detector heater voltage, so far most seem to say
it is a noise thing. I'll dig out the books and see what I can find
since I keep running across it in many receivers.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Wed, 24 Dec 1997 22:17:40 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: John M Iverson <jackiv@juno.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Need mod xfmr info
Message-ID: <Pine.SUN.3.96.971224220611.24911A-100000@indy3>

Hi!

You know, I have a middlin' hefty file of old UTC data--at least three different catalog/pinout guides, plus a single-sheet of mod xfr stuff from Stancor and some other (mostly Thordarson power transformer) odds and ends.

I offered Doug a copy of the data that applies to his CVM-1, but if somebody's got some web-page space and a way to scan this info in, I would be happy to send them a copy of the whole file if they'd promise to post it. No sense in onesy-twosying this if there's a better way!

The next best bet is, maybe those of us who've got transformer info can merge it (swap copies around) and publish a little booklet. The simple crude method is to stack up photocopies like I do for my little reprints--might be something a person with a laser printer and all the other digit-crunching/scanning/etc. wonders could turn into a "publish on demand" project (don't look at me, the machine here is one step up from a Sperry-Rand Univac) or put into a .pdf file or some such nifto-printable thing that folks could ftp--kinda hate the .pdf-ftp option, however, as it limits access.

What does the group think? There's still a lot of good old iron tryin' to make a living as doorstops, and that's a sad fate for 'em--it'd be nice to help get it gainfully employed again!

73,
--Bobbi

Date: Wed, 24 Dec 1997 22:58:27 +0000
From: "w5sum" <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Cc: baswaplist@foothilnet, boatanchors@qth.net, drake-1@fablotz.min.net
Subject: Merry Christmas
Message-ID: <199712250354.VAA14084@ms1.nwla.com>

Gentleman

I wish each and every one of you a very merry Christmas, and a safe and happy new year.

Ronnie - W5SUM

Date: Wed, 24 Dec 1997 22:02:02 -0700
From: Dexter Francis <cwest@xmission.com>
To: boatanchors@theporch.com
Subject: -. . . -. .
Message-ID: <34A1E8C8.27A7@xmission.com>

--
-. -. - - . . .
- - -
.
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-.
-.
;-)

Date: Thu, 25 Dec 1997 00:52:06 +0900
From: "William B. Ross" <billross@txdirect.net>
To: thompson@mindspring.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AM with the Collins S-Line/KWM-2
Message-ID: <34A12FA5.744DC4CE@txdirect.net>

The late K5MZH ran AM with an S-line for a number of years from San Antonio with a SB220 working as an afterburner. He was well know and produced a quality signal that was heard from coast to coast on 3880 until he passed away in 1992.

Bill Ross K5LLK

Date: Thu, 25 Dec 1997 01:00:12 EST
From: kb5wwwo@juno.com (George T Folse)
To: boatanchors@sco.theporch.com
Subject: Merry Christmas to All
Message-ID: <19971225.000119.9414.0.kb5wwwo@juno.com>

All,

To everyone on the BA list have a Merry Christmas, and don't forget we have some boys over seas that will not be home with there families enjoying what we are enjoying today, so keep them in your prayers.
Happy Holidays,

George Folse III KB5WWO kb5wwwo@juno.com
630 Dolhonde St.
Gretna, La. 70053

504-362-1896 ph/fax
Collector of Johnson, Heath, & Atwater Kent AMI#937

Date: Thu, 25 Dec 1997 01:07:21 +0900
From: "William B. Ross" <billross@txdirect.net>
To: cwest@xmission.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: -. . -. .
Message-ID: <34A13339.95775D1F@txdirect.net>

-. . . -. . -. -. . . -. . -. .
. . . .

Date: Wed, 24 Dec 1997 23:51:31 -0700
From: Kevin Gallagher <wire2liv@gomontana.com>
To: boatanchors@sco.theporch.com
Subject: Merry Christmas!
Message-ID: <34A20273.344E@gomontana.com>

Gentlemen and Lady(s) May the glow of your tubes fill your hearts and
souls with peace this Christmas and keep you healthy and content
throughout the New Year! Many thanks and best wishes, Kevin

Date: Thu, 25 Dec 1997 01:14:34 -0600
From: Lurch <lurch@TheRamp.net>
To: boatanchors@theporch.com
Cc: drake-l@fablotz.min.net, collins@listserv.tempe.gov, r390@qth.net,
heath-l@listserv.tempe.gov
Subject: greetihngs
Message-ID: <3.0.5.32.19971225011434.007ac800@mail.TheRamp.net>

merry christmas to all.

73 de ka9egw

Date: Thu, 25 Dec 1997 00:46:19 -0800 (PST)
From: Jacqueline Herman <jherman@sierra.net>
To: boatanchors@theporch.com
Subject: 150 uH inductor

Message-ID: <Pine.SUN.3.95.971225003016.26704B-100000@diamond.sierra.net>

Anyone have a center-tapped 150 uH inductor? I was going to wind one, but my hand got tired and I lost count of the turns...

(The schematic calls for a "loop stick", but to be honest, I'm not quite sure what that is...)

Merry Christ-Mass to each and every one of you!

Jeff KH2 PZ / 7

P.S. I'm building a BCB MCW xmtr just like us neighborhood kids used some 35 years ago; we used to send code to each other in between the AM rock and roll stations. I used some kind of variable inductor back then - I think I was supposed to use a "loop stick", but I didn't know what it was even then. You'd think in 35 years time I would have found out what a "loop stick" is.

Date: Thu, 25 Dec 1997 05:28:20 -0500
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re. DX-100 vs. DX-100B
Message-ID: <199712250529_MC2-2D21-E824@compuserve.com>

Hello Joseph.

Congratulations on an EXCELLENT boatanchor find! A DX-100 is one of the better medium power AM rigs on 160 and 75 (unfortunately, also on CB; far too many DX-100s got trashed by going THAT route). It also makes a decent exciter if you're into big, triode PA stages. We have a straight 100 here as the standby transmitter; a freebie, like yours, but we had to deal with a blown modulation transformer (how the previous owner managed that one, I'd rather not know).

In general, figure on a carrier output of 150 - 200 watts into 50 ohms if you've got a good pair of 6146s in it.

The differences between the DX-100 and DX-100B (there was no DX-100A) aren't terribly major.

The pi network of the DX-100 used stepped capacitances for loading, selected by the COARSE loading control. However, they were notorious for breaking down \ burning up when you had the least bit of VSWR on your load; the selector switch contacts took a pretty good beating too. The first time

it happened, you discovered very quickly that the capacitors that Heathkit used are NOT standard, off-the-shelf items, and a lot of rigs have them replaced by stacks of "postage stamp" micas.

In the B model, they altered the loading cap system to a 3 section, gear driven BCB air variable. At one time, Heathkit offered a conversion kit for DX-100 owners to add the new loading scheme.

The DX-100 has 4 crystal positions inside, selected by a front panel rotary switch which is coaxial with the DRIVE pot control shaft. Unfortunately, this was eliminated in the DX-100B; you only have 2 crystal positions in the B, selected by an internal slide switch. I think the reason for the change was mostly cosmetic; the coaxial DRIVE / XTAL knobs were visually balanced on the other side of the panel by the coaxial COARSE / FINE loading controls on the other side; the improved loading system cost us crystal positions. Too bad, really...

The DX-100 cabinet came collapsed and shipped flat; you assembled it from a bunch of panels. The DX-100B has a one piece cabinet, which was less elaborate, and, for MY money, is PLUG UUGLY (note the double Us for emphasis!!!). The DX-100 cabinet is, in my opinion, a really handsome hunk of sheet metal, and far better ventilated than the B cabinet. I have an extra one here, with the rear panel removed, where an SP-600 lives.

That pretty well covers the differences in the two models; other than these changes they are, as far as I know, identical, electrically and pretty much mechanically.

A bit of practical experience with restoring the rigs (I've done 3 of 'em in the last 5 years, and in the past not only maintained one for a high school radio club, but did the modification to add the SB-10 SSB adapter):

A trouble spot is the audio section. The rigs I had MAY have been badly stored (ie, in a moist or humid location), but whatever the reason I found that the tube sockets for the 12AX7 speech amplifier and 12BY7 audio driver were bad news on all 3 rigs (pin corrosion? Just old, electrically leaky plastic in the sockets?). They gave a VERY high noise level to the audio; an unpleasant hissing sound that showed up clearly on my modulation monitoring scope. No amount of cleaning the sockets would clear it up. The only cure was to totally gut the stages, and replace the sockets. While I was there, all of the speech amp and driver components were replaced with new ones; for good measure, I increased the value of the interstage coupling and cathode bypass caps to increase low end frequency response of the audio. I also pulled the high voltage ceramic capacitor that is shunting the modulation transformer, to increase high end response. These changes, plus the addition of a decent microphone (NO D-104s!!!) resulted in excellent audio reports on 160 metres. A D-104 WILL drive the rig, and

quite nicely I might add, but the mike becomes the limiting factor in audio response in that case. The D-104 ban I propose is strictly a matter of personal preference; I just don't like the sound of it.

Another change I do is to pull the 6AU6 VFO tube, and replace it with a 6AH6 (direct, drop-in replacement; no wiring changes needed). For some reason, the 6AH6 seems to key a whole lot cleaner than the 6AU6 on CW; ie, much less chirp.

Just on general principles, I routinely replace the PA / MOD plate supply electrolytics; I don't even mess with the old ones anymore. It's a bit expensive, but after having one EXPLODE (NO exaggeration! It went off like a rifle shot, and made a VERY nasty mess to clean up!) while I was bringing the rig up on a variac, I decided the cost of new ones was well worth it.

Other than these points, there aren't any real "gotchas" in the rig. The design is straightforward, relatively simple, and overbuilt like the proverbial masonry comfort facility. In fact, I've even seen DX-100 PA plate transformers used to power grounded grid linears using a pair of 811As; that damned thing, end to end, is 1800 VAC @ 400 MA continuous rating!

Good luck with your new toy! If you have any question, E-MAIL me direct.

73's,

Tom, W9LBB

Date: Thu, 25 Dec 1997 14:28:40 -0800
From: Bill Coleman N2BC <n2bc@ibm.net>
To: boatanchors@theporch.com
Subject: Globe King 275 / 400 question...
Message-ID: <BMSMTP8830884164wf2awdc@pop3.ibm.net>

First... Hope everyone found a NIB R-390 under their tree this morning! I'm still looking for mine...

I'm gradually bringing back a Globe King 275. Currently futzing with the RF deck (7C5, 2E26, 2-V70Ds). The 2E26 stage is not neutralized and it's a great oscillator... Did these things ever work??

I can't see an easy way to neutralize the stage without relatively major re-do of the input side in order to feed the neutralization out of phase. What am I

THX, 73, Happy Holidays!!

Bill Coleman (N2BC)

Email: n2bc@ibm.net

Date: Thu, 25 Dec 1997 10:13:32 -0500 (EST)
From: JD Delancy <k1zat@dsport.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: -. . -. --.-
Message-ID: <Pine.GS0.3.95.971225101224.10952B-1000000@puff>

On Thu, 25 Dec 1997, William B. Ross wrote:

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> -. . - - - - . . - . . . . . - . . - .  
> .- .-
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A little baudot teletype artwork anyone ?

[illegible]

Date: Thu, 25 Dec 1997 12:22:49 -0500 (EST)
From: Andre Guibert <aguibert@sympatico.ca>
To: boatanchors@theporch.com
Subject: J.N., Merry Xmas
Message-ID: <199712251722.MAA23966@smtp11.bellglobal.com>

Bonjour and Merry Xmas

Thanks to you all for a very informative Year
Andre
Snow Bird

Date: Thu, 25 Dec 1997 11:51:37 -0600
From: bill@skeeter.bvc.frco.com (William Hawkins)
To: boatanchors@theporch.com, jherman@sierra.net
Subject: Re: 150 uH inductor
Message-ID: <9712251751.AA13392@skeeter.bvc.frco.com>

Believe a loop-stick is the ferrite rod antenna that replaced the loop antenna on the back of AA5 tabletop radios. I remember radios with a loop antenna wound into slots around the back cover, and later that went away and there was a ferrite rod about 4 inches long with the antenna coil wound on it mounted on the back of the set.

Merry Christmas to a great group of folks. Reading the BA mail is an important part of my day :-). And, human variety being what it is, I know that not all of you celebrate Christmas so however you celebrate the solstice season, be of good cheer - the days will get longer again.

Bill Hawkins (moving to bill@iaxs.net)

Date: Thu, 25 Dec 1997 12:25:56 -0600
From: bill@skeeter.bvc.frco.com (William Hawkins)
To: boatanchors@theporch.com
Subject: The other half of the world
Message-ID: <9712251825.AA13458@skeeter.bvc.frco.com>

Well, it took about 30 minutes to realize that not everybody's days were gonna get longer. Friend Morris and others down under can take cheer from the fact that their days will get shorter and cooler.

Bill

Date: Thu, 25 Dec 1997 13:20:57 -0600 (CST)
From: Tom Laszynski <k8jrm@ionet.net>
To: boatanchors@theporch.com
Subject: Want: NCX-3/AC Pwr Manual
Message-ID: <1.5.4.16.19971225131601.2eafb93e@ionet.net>

I am looking for a copies of the National NCX-3 and AC Power Supply manuals. I will pay the cost plus shipping.

Thanks,

Tom

Member: ARRL, AWA, Vintage Radio and Phonograph Society,
Oklahoma Vintage Radio Collectors, and Oklahoma DX Association (OKDX)

Amateur Radio Operator of K8JRM (since 1958); ex HL9DX, KH6IJZ
Oklahoma City, Oklahoma 73150-8113, USA

Date: Thu, 25 Dec 1997 12:18:47 -0800 (PST)
From: Robert Norgard <kl7fm@yahoo.com>
To: boatanchors@theporch.com
Subject: Parts for re-gen
Message-ID: <19971225201847.9437.rocketmail@send1b.yahoomail.com>

Merry Christmas!

I believe there may still be a little magic in the air.
Would anyone out there have any of these items? They remain the last items to procure for a project I started 22 years ago. The history of the project goes back to 1957. It's a regen receiver using a 6SN7.

2 or more Millen 45004 coil forms, 1", 4-pin

BUD LC1643 35mmfd midget variable condenser

BUD LC1646 100mmfd midget variable condenser

Dial assembly:
National type "K", 3 1/2", scale-2 (hard one!)

Merry Christmas to all!

Bob Norgard - KL7FM

... I got some "Boat-Anchor" rope for Christmas...
an old partial reel of RG-8. My brother dropped it off last night! I
really needed it.

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 25 Dec 1997 15:20:37 -0500 (EST)
From: MODSTEPH@ACS.EKU.EDU
To: boatanchors@theporch.com
Subject: Re: 150 uH inductor
Message-ID: <01IRLG7XJR2000TX3H@ACS.EKU.EDU>

As I recall the loop stick antenna was available thru Radio
Shack once upon a time, and a parts store in the area here has had
them back in their parts-in-a-pack stuff. Might check on that.

73, Al N5AIT
modsteph@acs.eku.edu

Date: Fri, 26 Dec 1997 08:00:13 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
To: boatanchors@sco.theporch.com
Subject: Command set part
Message-ID: <34A2C95D.5D06@vifp.monash.edu.au>

Hi all,

Someone here was looking for the VFO coil cover for a Command

transmitter. Whoever it was, please privately e-mail me.

de Morris VK3DOC

Date: Fri, 26 Dec 1997 07:57:53 +1100
From: Morris Odell <morriso@vifp.monash.edu.au>
To: bill@skeeter.bvc.frco.com
Cc: boatanchors@sco.theporch.com
Subject: Re: The other half of the world
Message-ID: <34A2C8D1.671A@vifp.monash.edu.au>

Merry Christmas to you Bill & the rest of the gang!

> Well, it took about 30 minutes to realize that not everybody's days
> were gonna get longer. Friend Morris and others down under can take
> cheer from the fact that their days will get shorter and cooler.

It was 35 degrees here on Christmas day - not too different from "up
top" you might think, except we're talking Celsius here rather than
Fahrenheit!

I spent a little spare time on the slow restoration of the 51J4 Santa
brought me. It was a good day for washing BAs as you can leave them on
the porch to dry in the Australian heat. The cabinet looks pretty good
now but I haven't started cleaning the radio itself yet. As always
happens with these sets, some clown has used inappropriate tools on the
Bristol setscrews in the knobs making disassembly a bit tricky. At least
I managed to superglue the broken slug together so that problem is
solved.

Can anyone tell me:

1. What size and type of tool is required to take the shaft collar off
the "kilocycles" shaft? (and how to undo Loctited setscrew?)
2. What does the trimmer alignment tool look like?

73 to all

de Morris VK3DOC

Date: Thu, 25 Dec 1997 16:00:20 -0600
From: Bob/WB0AUQ <brainbol@lawrence.ks.us>
To: Boatanchor List <boatanchors@sco.theporch.com>
Subject: BoatAnchor Keyers
Message-ID: <34A2D774.6EFF@lawrence.ks.us>

Happy Holidays to All,
...and a query:

In some e-mail discussions about Eldico with Dave/K4JRB and Rich/WA2RQY the subject of keyers came up. It appears Eldico manufactured at least three models, EE-1, EE-2, EE-3, and EE-3A. I know the first three were tube type, and probably the 3A was also, so that should put this subject into proper context for the boatanchor list.

So, the query: How many manufacturers made mating keyers for their transmitters/transceivers? We know Eldico with the above four models, any other models? Also, Halli with the HA-1 and HA-4. What other models. What other manufacturers and models?

--

73,

Bob/WB0AUQ AMI #213 FISTS #1905
emailto:brainbol@lawrence.ks.us

Date: Fri, 26 Dec 1997 00:36:48 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: kl7fm@yahoo.com, boatanchors@theporch.com
Subject: Re: Parts for re-gen
Message-ID: <19971226003646.AAA24203@LOCALNAME>

At 08:18 PM 12/25/97 +0000, you wrote:

>Merry Christmas!

>

>I believe there may still be a little magic in the air.

> Would anyone out there have any of these items? They remain the last

>items to procure for a project I started 22 years ago. The history of

>the project goes back to 1957. It's a regen receiver using a 6SN7.

>

>2 or more Millen 45004 coil forms, 1", 4-pin

Coil forms are at a premium these days! I guess too many people threw them out thinking WHO would ever want them anymore!!!

You might try old octal tube bases and 1" OD pill bottles. Or 4 pin, or 5 pin, or whatever tube bases you have been collecting.

I NEVER throw away an old tube base! They are too handy for all sorts of things including coil forms and connectors!

AES has some plastic forms, but they are rather steep if you are on a budget.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

860 Hartley 'ECO' under construction**

*** Looking for a TRC-10 transceiver *****

*** Looking for an RAL receiver *****

Date: Fri, 26 Dec 1997 00:43:00 -0000

From: "Larry Johnson" <k5yf@wt.net>

To: "Boat Anchors" <boatanchors@theporch.com>

Subject: Vibro Keyer question

Message-ID: <01bd1197\$379fdf00\$b9988bce@k5yf.wt.net>

I have question that is BA related, although not directly with tubes. I have two of the original Vibro keyers, the sideswipe single paddle key with the beige base and red handles. I use one with my regular set up and the other with my Hallicrafters setup (don't do paddles here. The serial numbers are 236829 and 382520. Is there anyway to tell the age of them or when they were made from the serial numbers?

Larry Johnson, K5YF

Houston, TX

e-mail: k5yf@wt.net

Date: Thu, 25 Dec 97 22:00:46 -0500

From: provero@connix.com

To: boatanchors@theporch.com

Subject: R391- CR801 and ballast fail together

Message-ID: <199712260307.WAA18157@comet.connix.com>

Thanks to Ed Tanton who suggested o-scoping the relay...

Problem began with antenna relay chatter in STBY and CAL positions, ended with radio being on, but no RF or BFO signals.

CR801, the copper oxide rectifier was basically shorted on 3 of its 4 legs. Was providing 0.8 VDC and almost 12 VAC to the relay, hence the chatter.

After that was replaced with a silicon diode full wave rectifier, radio was still inop. No glow topside from the ballast or bfo (6BA6/5749), check underneath, ditto for the PT0 (6BA6/5749). Without an extra ballast or spare 6BA6's, jumpered pins 2 and 7 of the ballast socket and sub'd 12BA6 for both oscillator tubes. Radio is back to top form now.

Both the filament chain and CR801 are on the 24.6 V secondary of the power transformer. Left the scope on to monitor things for a while, am left wondering if failure of one contributed to the other.

Merry Christmas, happy new year to all....

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	http://www.connix.com/~provero/

Date: Thu, 25 Dec 1997 19:07:25 -0800 (PST)
From: John Kolb <jlkolb@cts.com>
To: William Hawkins <bill@skeeter.bvc.frco.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 150 uH inductor
Message-ID: <Pine.SC0.3.91.971225180158.15576B@sd.cts.com>

On Thu, 25 Dec 1997, William Hawkins wrote:

> Believe a loop-stick is the ferrite rod antenna that replaced the
> loop antenna on the back of AA5 tabletop radios. I remember radios
> with a loop antenna wound into slots around the back cover, and
> later that went away and there was a ferrite rod about 4 inches
> long with the antenna coil wound on it mounted on the back of the
> set.

>

Close, but I thought a loopstick was a slug tuned coil designed for use as an antenna. The ferrite core was generally more like 1 inch long, rather than the 4" of a full ferrite rod antenna. Being adjustable, you could use them as loop antenna replacements over a range of variable cap sizes. BTW, my Tektronix circular slide rule circuit computer says it would take about 240 uH to resonate with a 365 pF cap at the bottom of the bcst band.

Note that while one of these could replace the cardboard back with all the slots and leitz wire wound through them making a loop antenna, since the AA5 has a hot chassis, some sort of replacement back would be necessary to keep fingers out if the loop back is removed.

John Kolb KK6IL

Date: Thu, 25 Dec 1997 22:26:07 -0500
From: Al Klase <skywaves@bw.webex.net>
To: Boatanchors <boatanchors@theporch.com>
Subject: Crystal sets
Message-ID: <34A323CF.4177BD1@bw.webex.net>

Anchorites,

I just made some additions to the crystal set portion of my web site. Those of you with those sorts of tendencies may want to check it out. URL is in my signature block. Non-abusive constructive criticism is always appreciated.

73,
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Thu, 25 Dec 1997 19:39:31 -0800 (PST)
From: Ken Gordon <keng@uidaho.edu>
To: Sandy W5TVW <ebjr@worldnet.att.net>

Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Coil forms...
Message-ID: <Pine.BSF.3.95.971225193820.819B-100000@piobaire.mines.uidaho.edu>

Tube bases and PVC pipe held together with epoxy will do the trick.

Ken

Date: Thu, 25 Dec 1997 21:57:00 -0600
From: "John Lockhart" <jlockj@minn.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Viking II Audio
Message-ID: <199712260403.WAA31185@mail.minn.net>

A Johnson Viking II I'm working on seems to have low voltage on the first 6AU6 audio amp plate. The manual says the plate voltage should be 60 V and the screen 70V. In transmit with no audio I'm getting:

Plate: 30 volts
Screen: 54 volts
Grid: -2.5 volts
Cathode: 1.6 volts

These are after replacing almost all the capacitors and resistors in the first two audio stages. (The B+ voltage feeding the 470K plate is fine.)

Appreciate any help in comparing these with any other Viking II measurements that you may have jotted down.

73,

John W0DC

End of BOATANCHORS Digest 1849
